

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-194-1
Relating to Certification of New Motor Vehicle Engines

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That the following Ford Motor Company 1981 model-year gasoline engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating greater than 8500 pounds:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
4.9L"Q"	300(4.9)	Air Injection-Pump Exhaust Gas Recirculation
5.8L(M)/6.6L"E"	351/400(5.8/6.6)	
6.1L"E"	370(6.1)	
7.0L/7.5L"E"	429(7.0)	

Engine Models and Codes as listed on attachments.

Section 43200, Part 5, Division 26 of the California Health and Safety Code requires that the engine manufacturer furnish a decal with each engine sold or delivered to a vehicle manufacturer. The decal shall display the applicable model year heavy-duty engine exhaust emission standards and the following certification emission values:

<u>Engine Family</u>	<u>Hydrocarbons gm/bhp-hr</u>	<u>Carbon Monoxide gm/bhp-hr</u>	<u>Hydrocarbons + Nitrogen Oxides gm/bhp-hr</u>
4.9L"Q"	-	10	5
6.8L(M)/6.6L"E"	-	24	4
6.1L"E"	-	17	5
7.0L/7.5L"E"	0.4	12	4

BE IT FURTHER RESOLVED: That Ford Motor Company has provided to the Executive Officer all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executive Order A-10-194, dated June 13, 1980, is hereby rescinded.

Executed at El Monte, California this 7th day of January, 1981.

K. D. Drachand
K. D. Drachand, Chief
Mobile Source Control Division

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY GASOLINE ENGINES

Manufacturer Ford Motor Company Page 1
Engine Family 4.9L"Q" CID (Liters) 300(4.9)-I6 Eng. Code -
-Type -
ECS(Special Features) AIP,EGR

Engine Model (Engine Code)	Ignition System CA,VA,VR,EI Part Number	Fuel System 1V Part Number	EGR Valve Part Number	Label Ident. Part Number
300-1V (9-77S-R10)	D9TE-12127-AEA	D9TE-9510-CA or CB*	D8BE-9D475-FA	DCF

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*9-23-80 RC# 4.9 HD-5(add alt carb)

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY GASOLINE ENGINES

E.O. 12812

Manufacturer Ford Motor Company Page 2
 Engine Family 5.8L(M)/6.6L"E" CID (Liters) 351/400(5.8/6.6) Eng. Code -
 -Type -V8
 ECS(Special Features) AIP,EGR

Engine Model (Engine Code)	Ignition System	Fuel System	EGR Valve	Label Ident.
	CA,VA,EI	2V		
	Part Number	Part Number	Part Number	Part Number
351M-2V (9-71J-R10)	D7TE-12127-AHA	E1TE-9510-CEA	D8DE-9D475-CA *	DBY
351M-2V (9-72J-R11)		E1TE-9510-CCA		DBW
400-2V (9-73J-R12)	D9TE-12127-ATA	E1TE-9510-BZA		DBR
400-2V (9-74J-R12)		E1TE-9510-CAA		DBV

ate of Issue - 6-13-80
 *6-25-80 correct errata

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY GASOLINE ENGINES

Manufacturer Ford Motor Company Page 3
 Engine Family 6.1L"E" CID (Liters) 370(6.1)-V8 Eng. Code -
 ECS(Special Features) AIP, EGR

Engine Model (Engine Code)	Ignition System CA,VA,EI Part Number	Fuel System Part Number	EGR Valve Part Number	Label Ident. Part Number
370-2V (9-83G-R12)	D9TE-12127-AUA	D9TE-9510-ABC or EOTE-9510-BCA (2V)	D8BE-9D475-BA*	DAY
370-4V (9-83H-R14)		D9TE-9510-AHE or EOTE-9510-JA (4V)	D8DE-9D475-CA	DAW

Date of Issue - 6-13-80
 *6-25-80 correct errata

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY GASOLINE ENGINES

Manufacturer Ford Motor Company Page 4
Engine Family 7.0L/7.5L"E" CID (Liters) 429(7.0)-V8 Eng. Code -
-Type -
ECS(Special Features) AIP,EGR

Engine Model (Engine Code)	Ignition System CA,VA,EI	Fuel System 4V	EGR Valve	Label Ident.
	Part Number	Part Number	Part Number	Part Number
429-4V (9-87G-R11)	D9TE-12127-AVA	D9TE-9510-ETA or EOTE-9510-MA	D8DE-9D475-CA	DBA

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